

ABSTRACT

A motion vector detection section 30a detects a motion vector by using an image that is made up of multiple pixels and acquired by an image sensor having time integration effects. A time resolution
5 creation section 90 generates an image that has a higher time resolution by using the detected motion vector and the image made up of the multiple pixels. A motion-blurring-mitigated image generation section 40 generates a motion-blurring-mitigated image in which motion blurring of a moving object is mitigated by using the detected motion vector on
10 the assumption that a pixel value of pixel of the moving object in the image is a value obtained by integrating, in a time direction, a pixel value of each pixel in which no motion blurring that corresponds to the moving object occur as it is moved.